

Figure 1

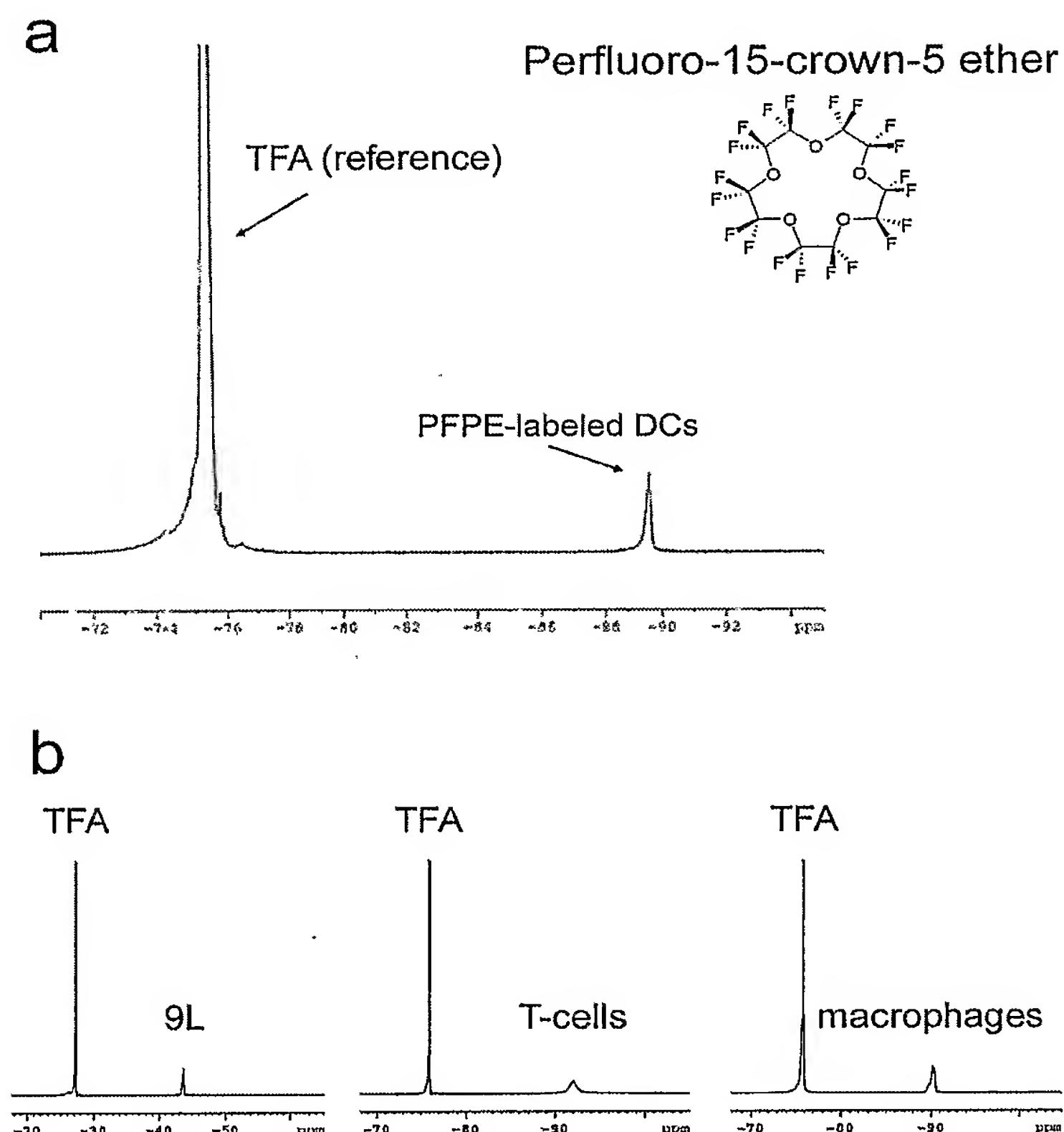


Figure 2

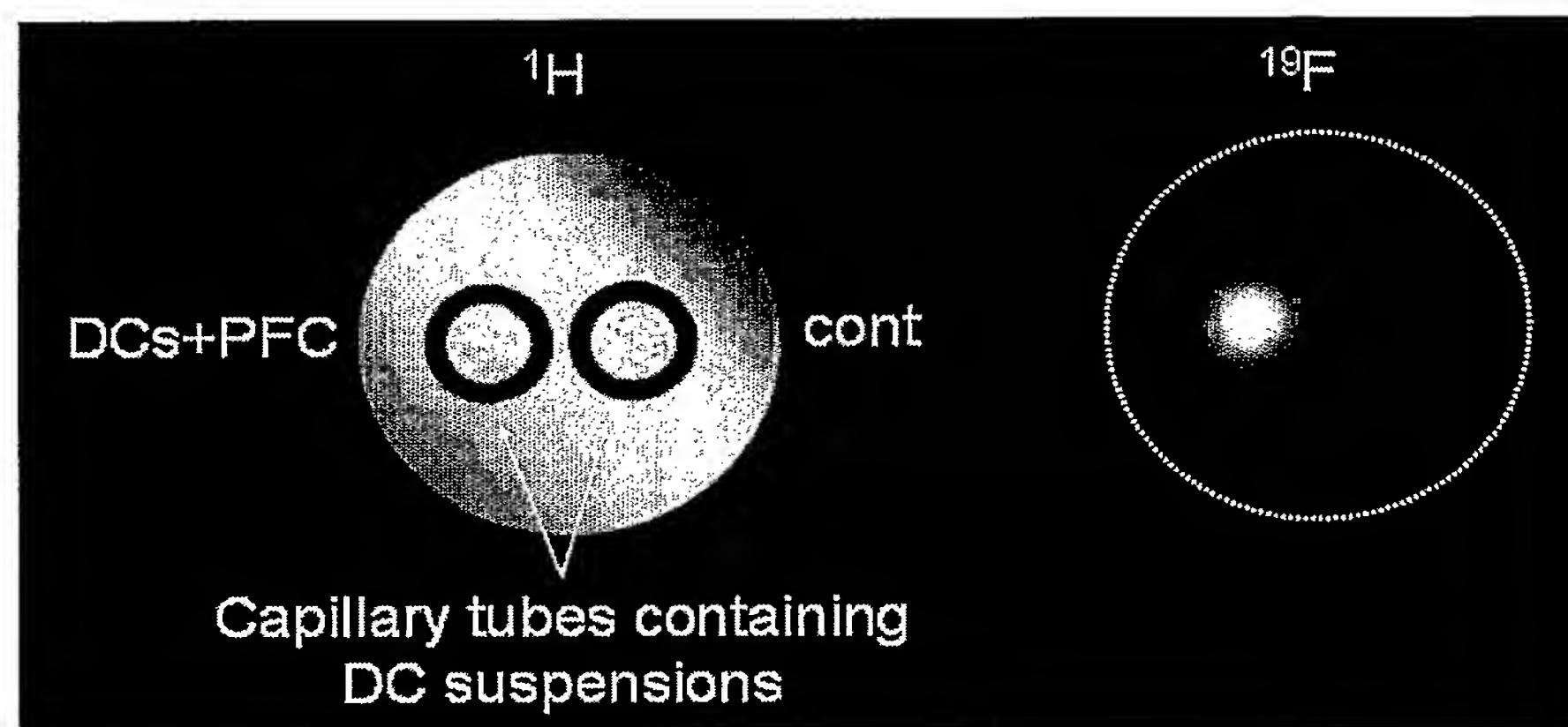


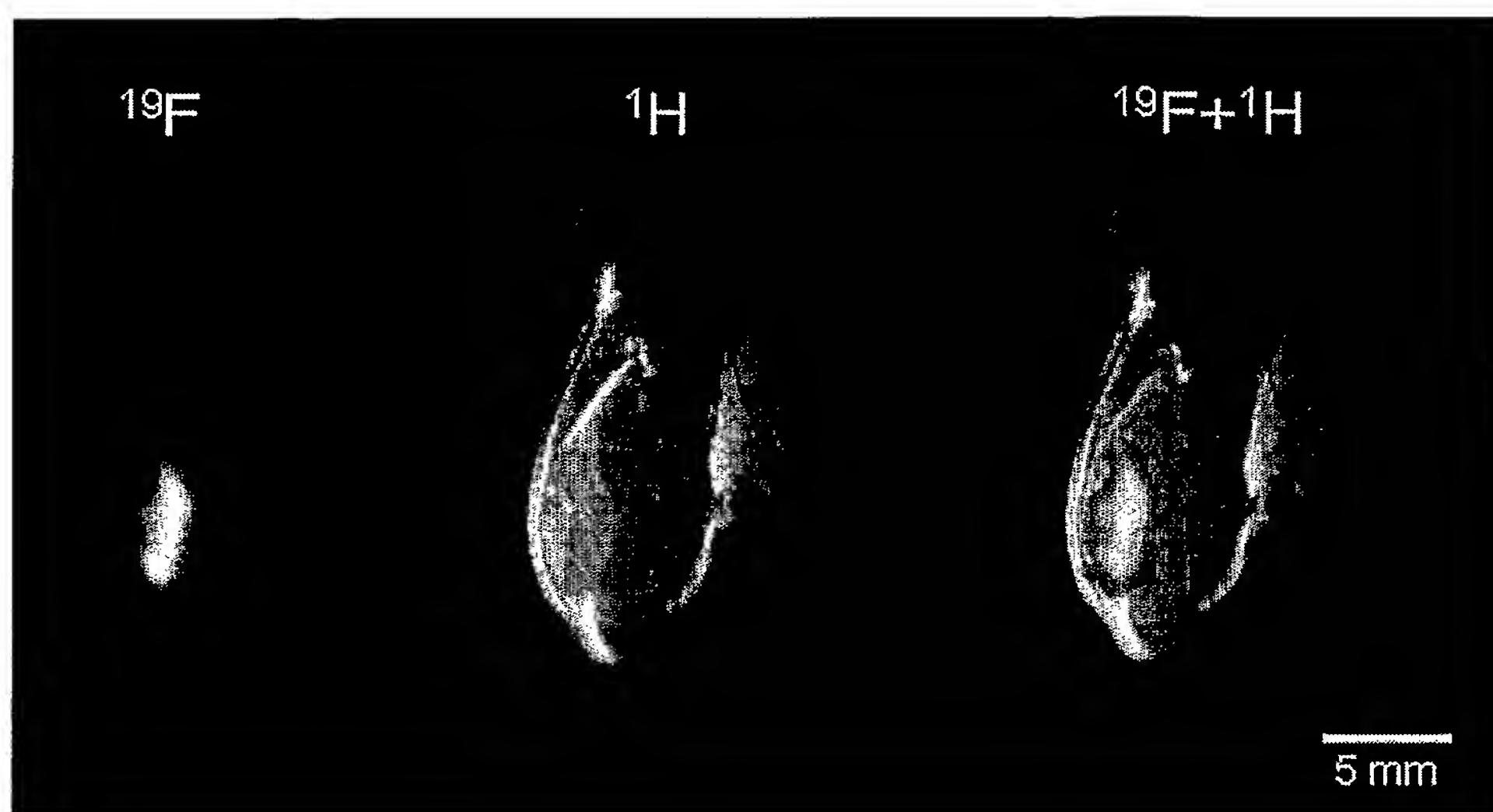
Figure 3

Figure 4

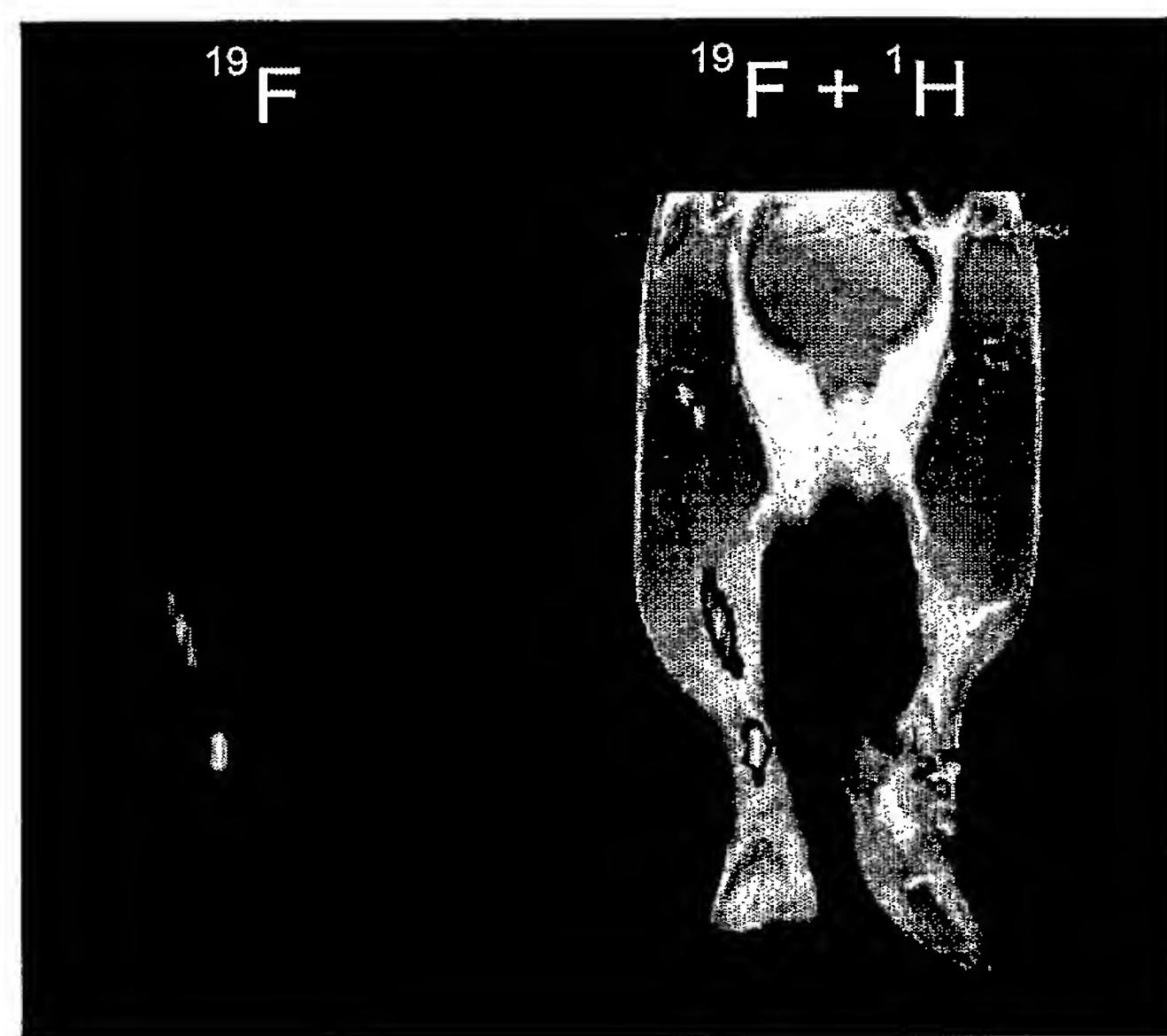


Figure 5

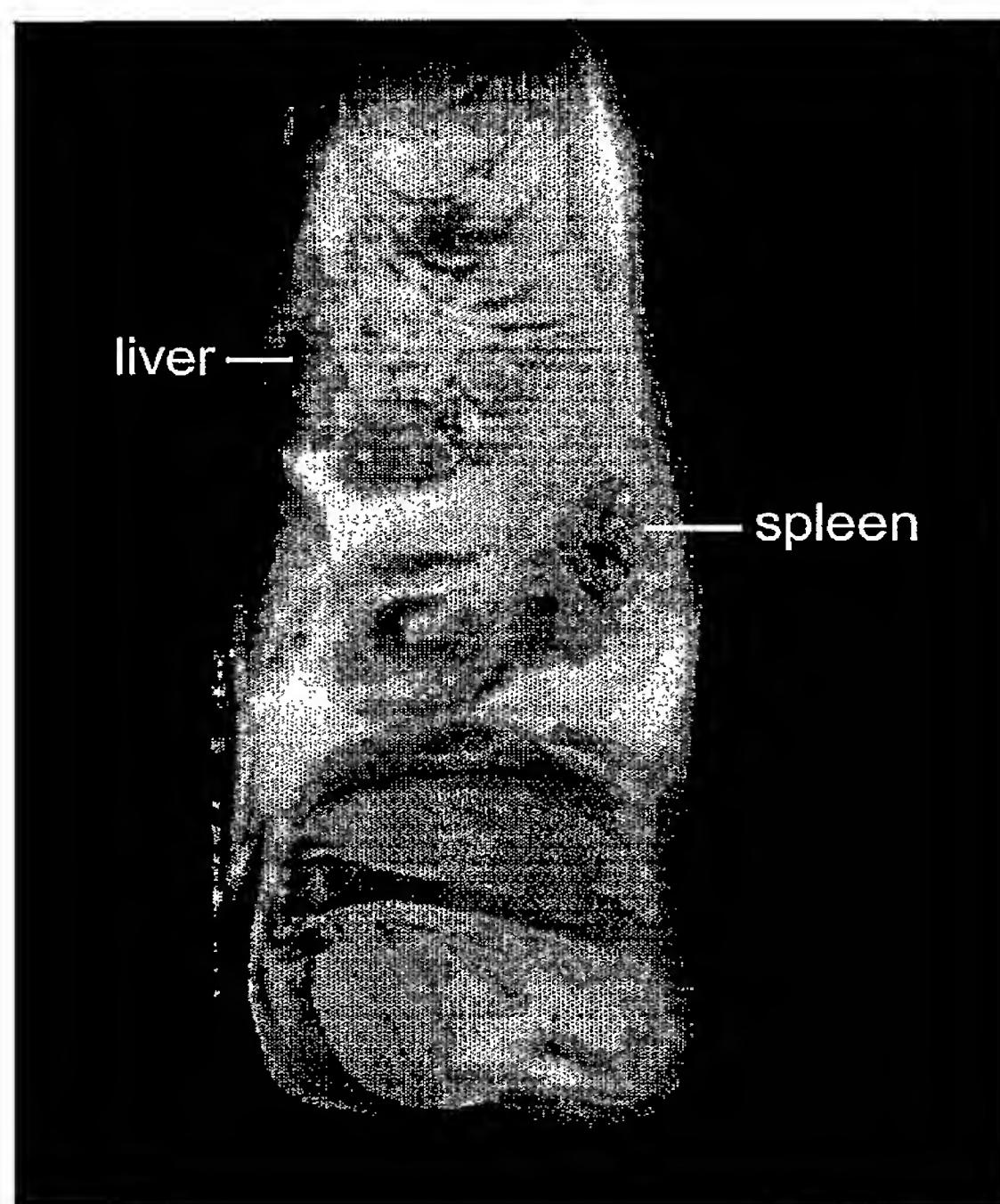


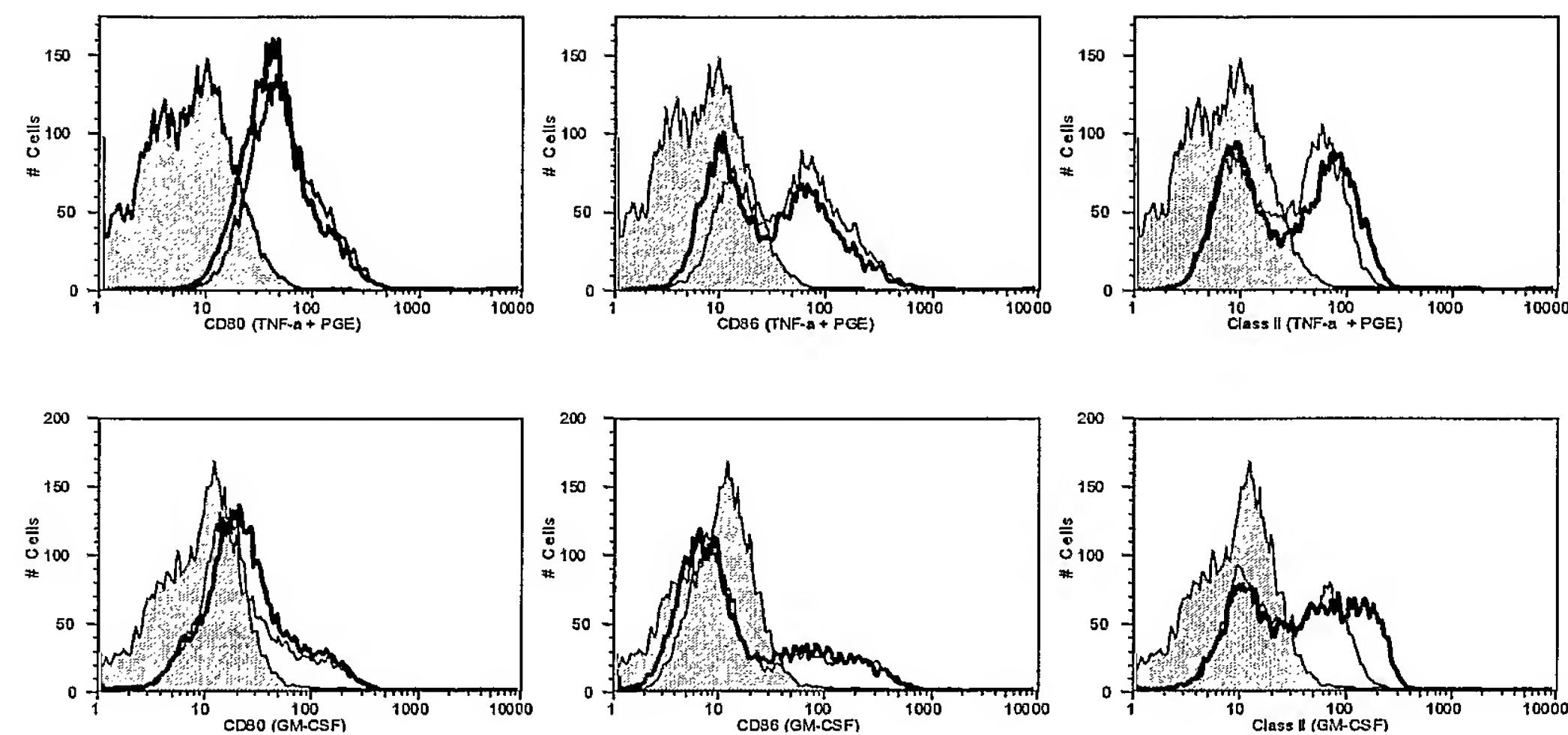
Figure 6

Figure 7

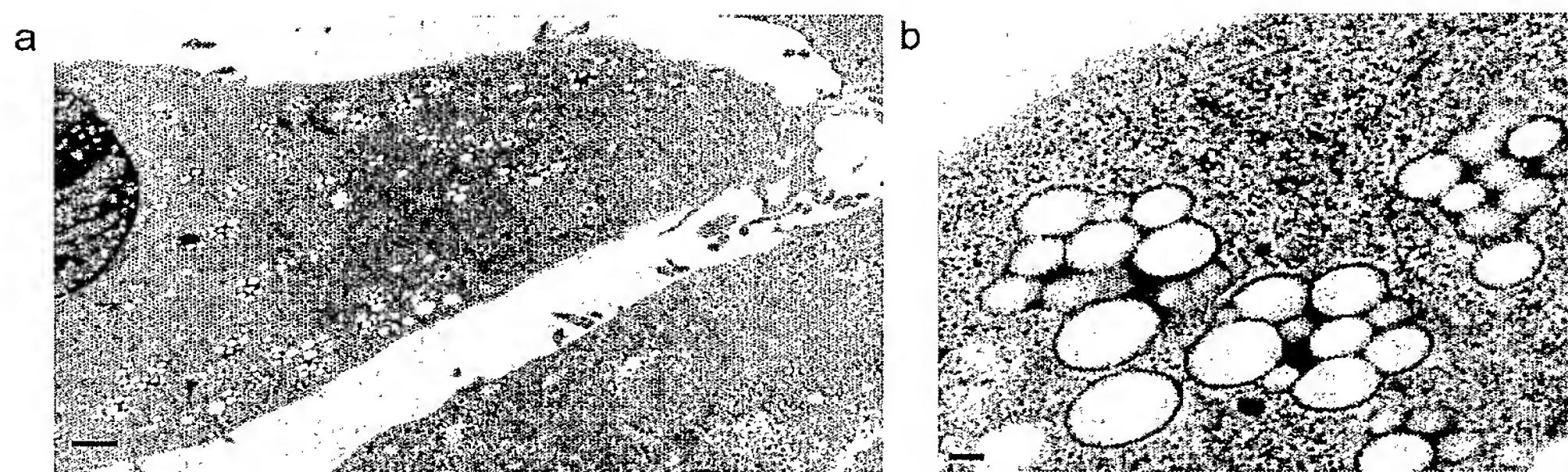


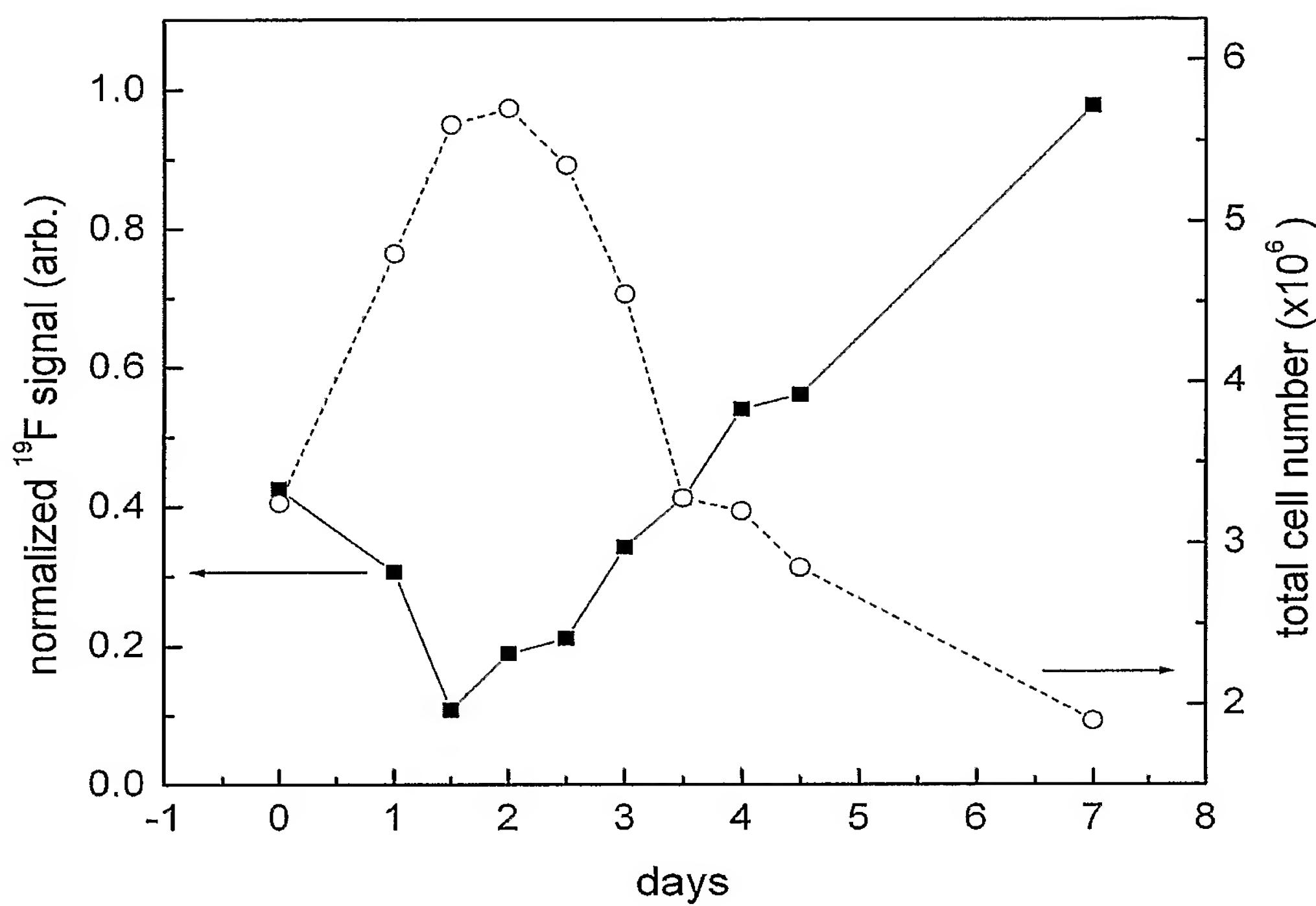
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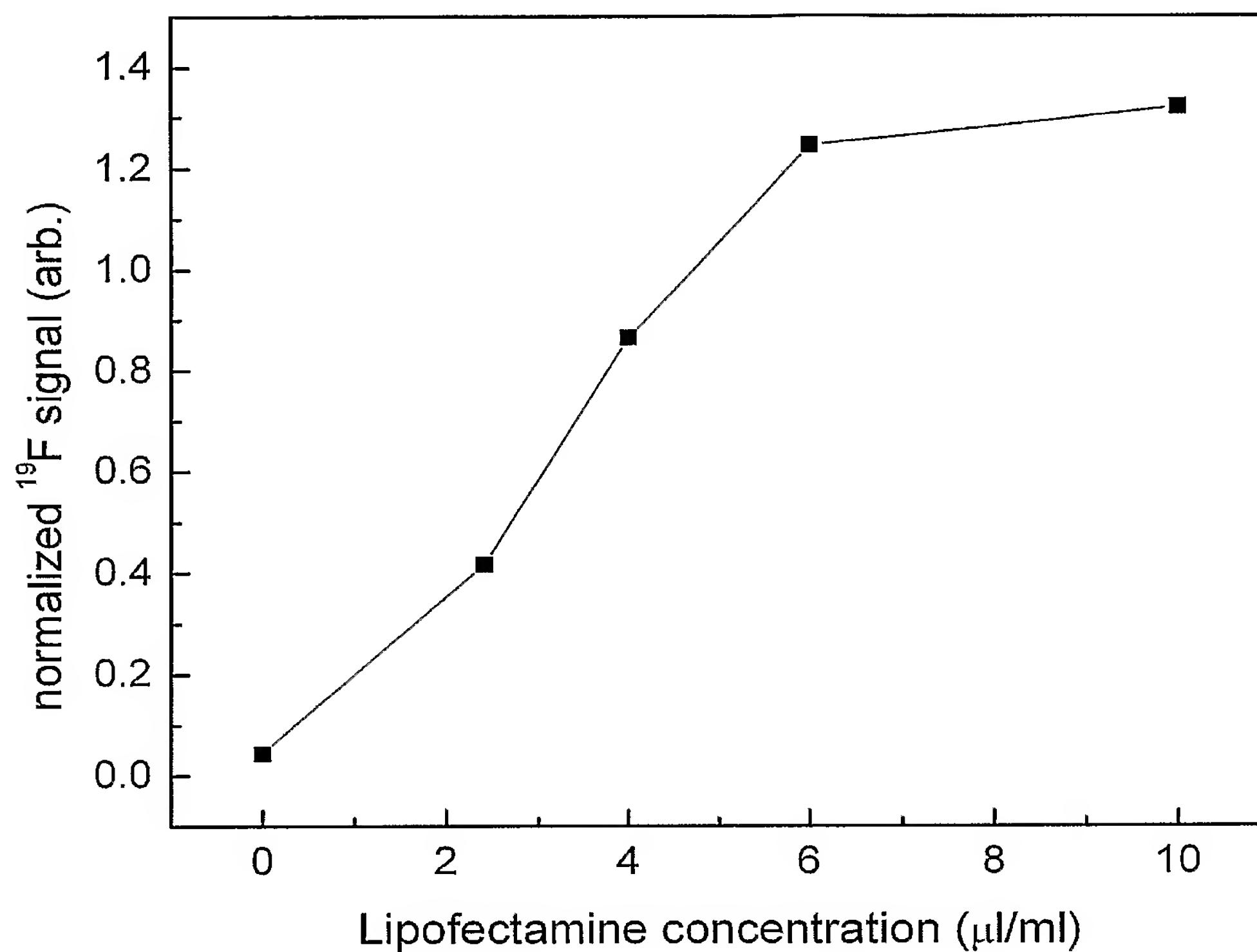
Figure 9

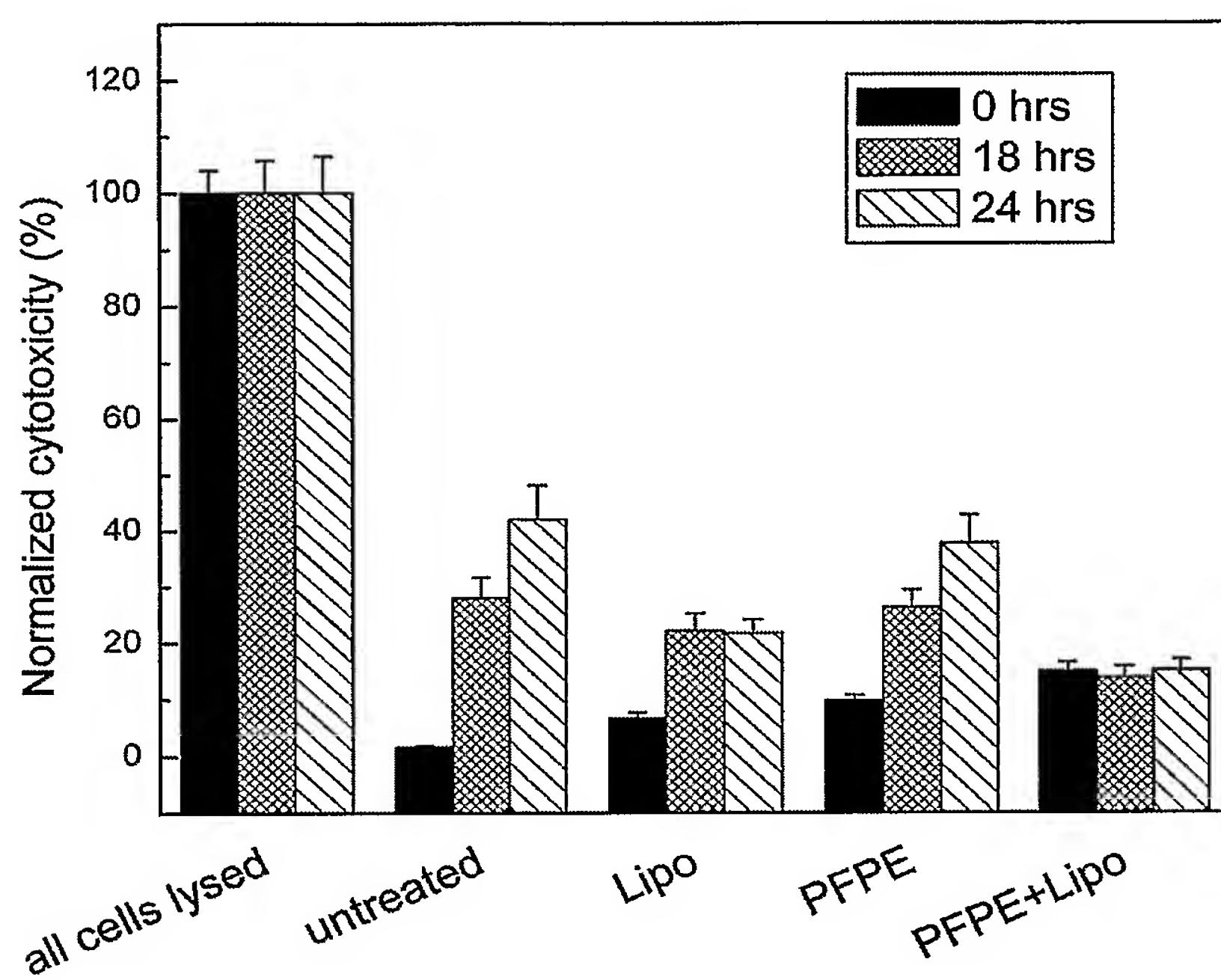
Figure 10

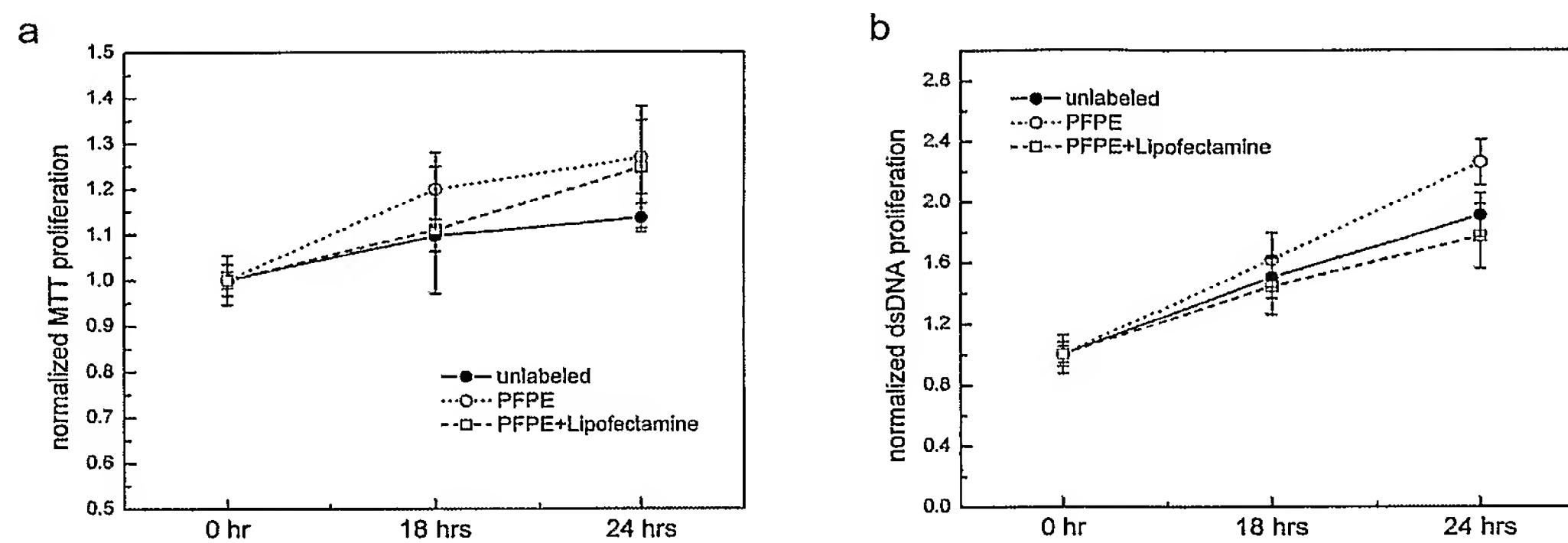
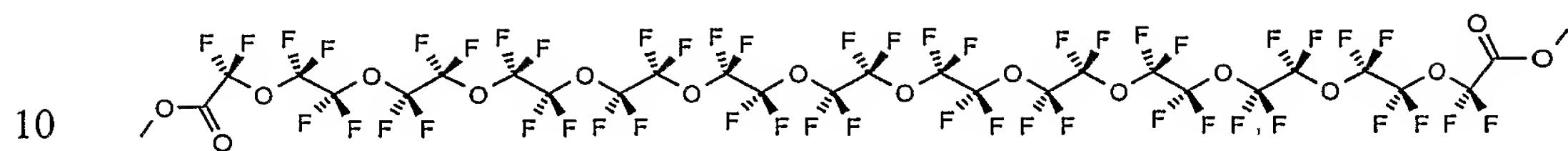
Figure 11

Figure 12.

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A.



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B.

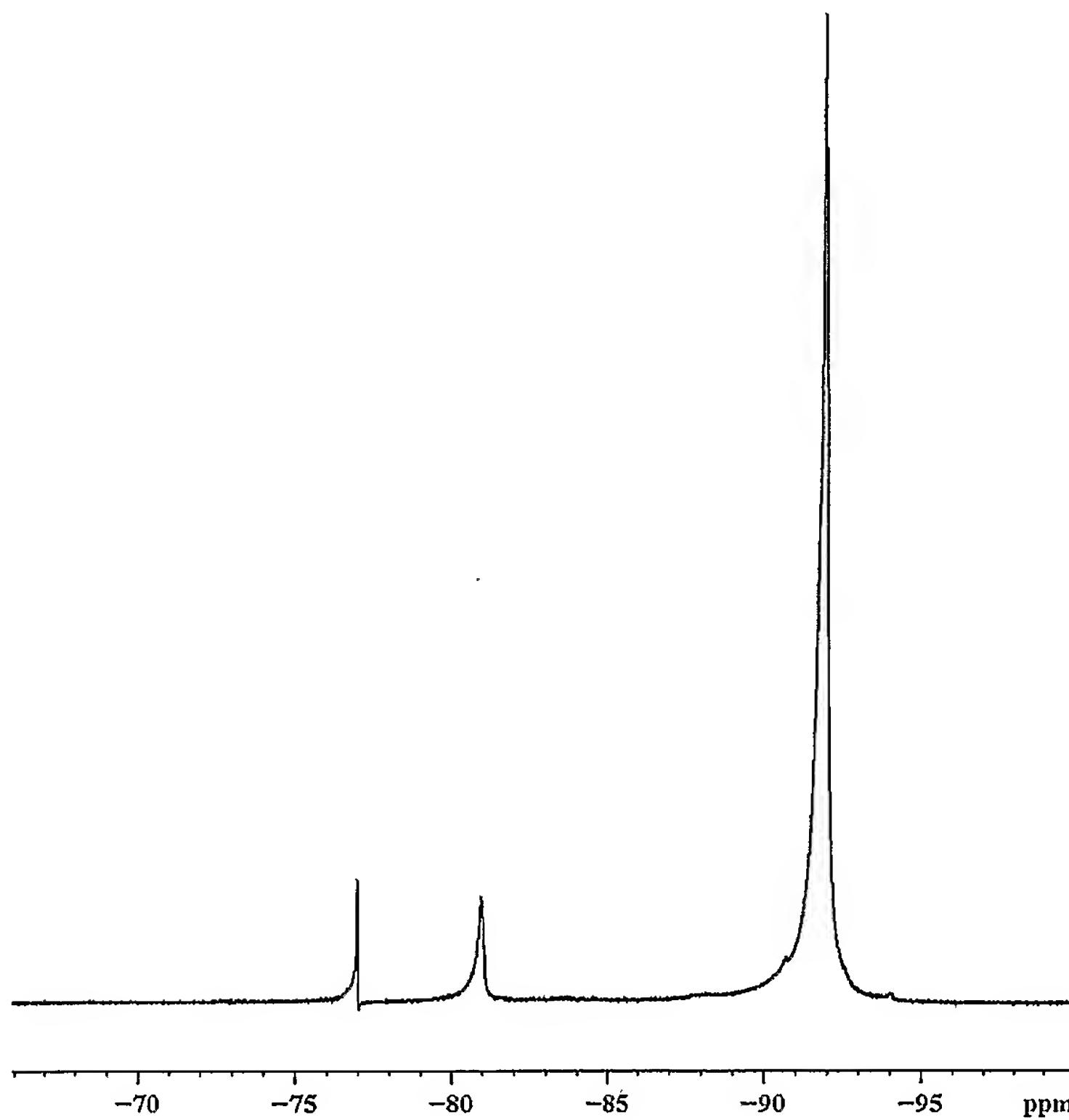


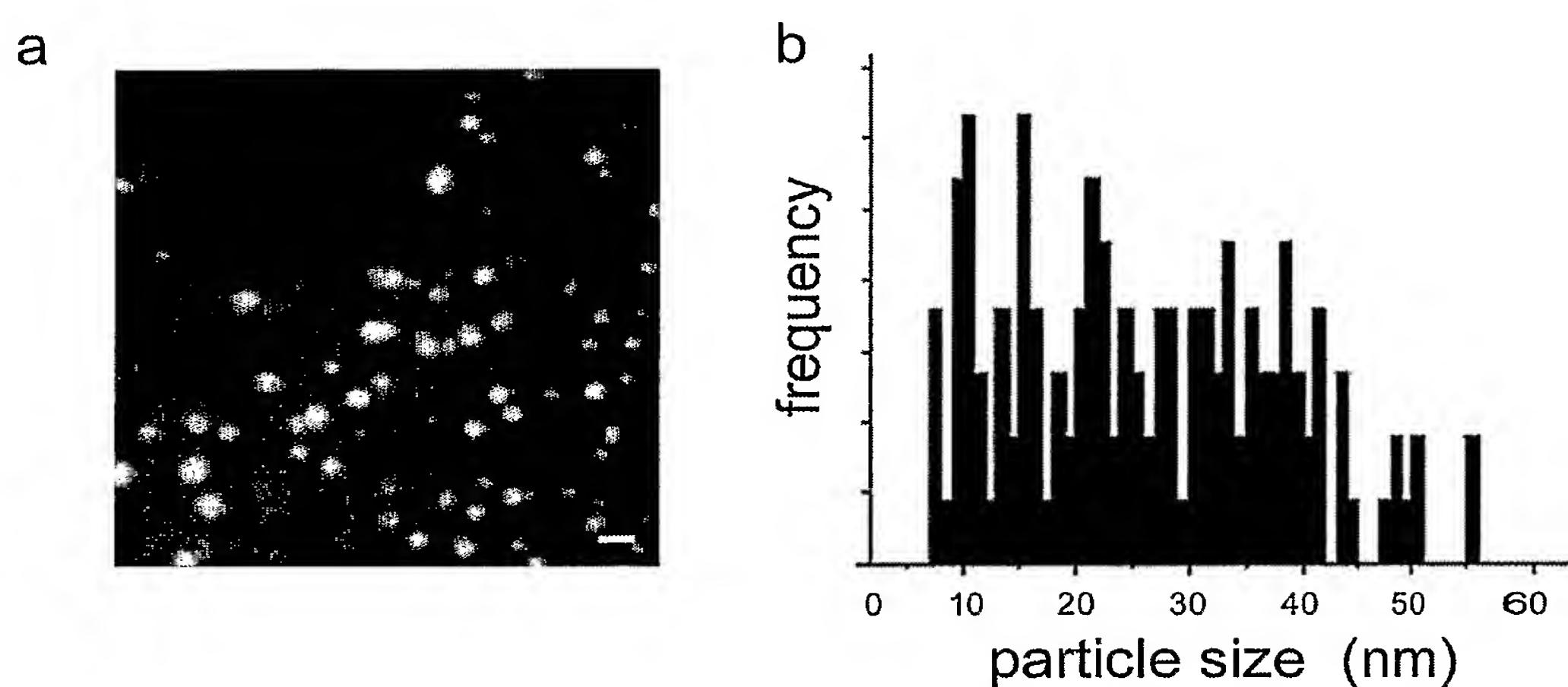
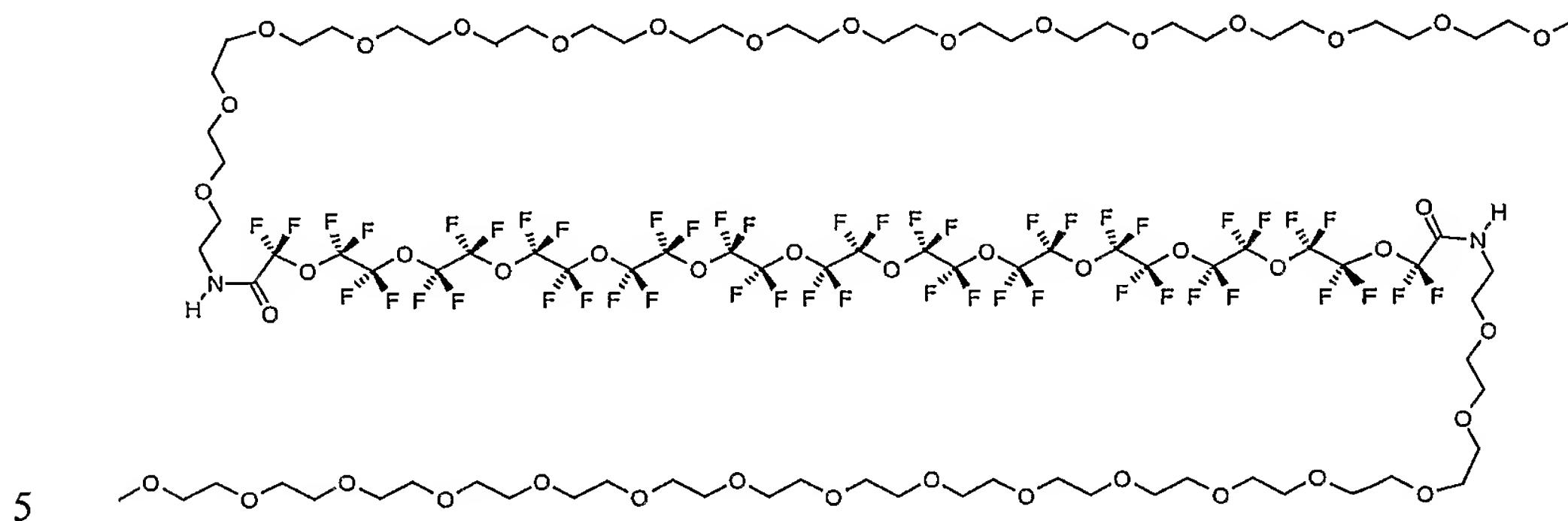
Figure 13.

Figure 14.

Rxn 1: PFPE-ester + O-aminoethyl-O'-methyl-PEG 750 → PEG2-PFPE

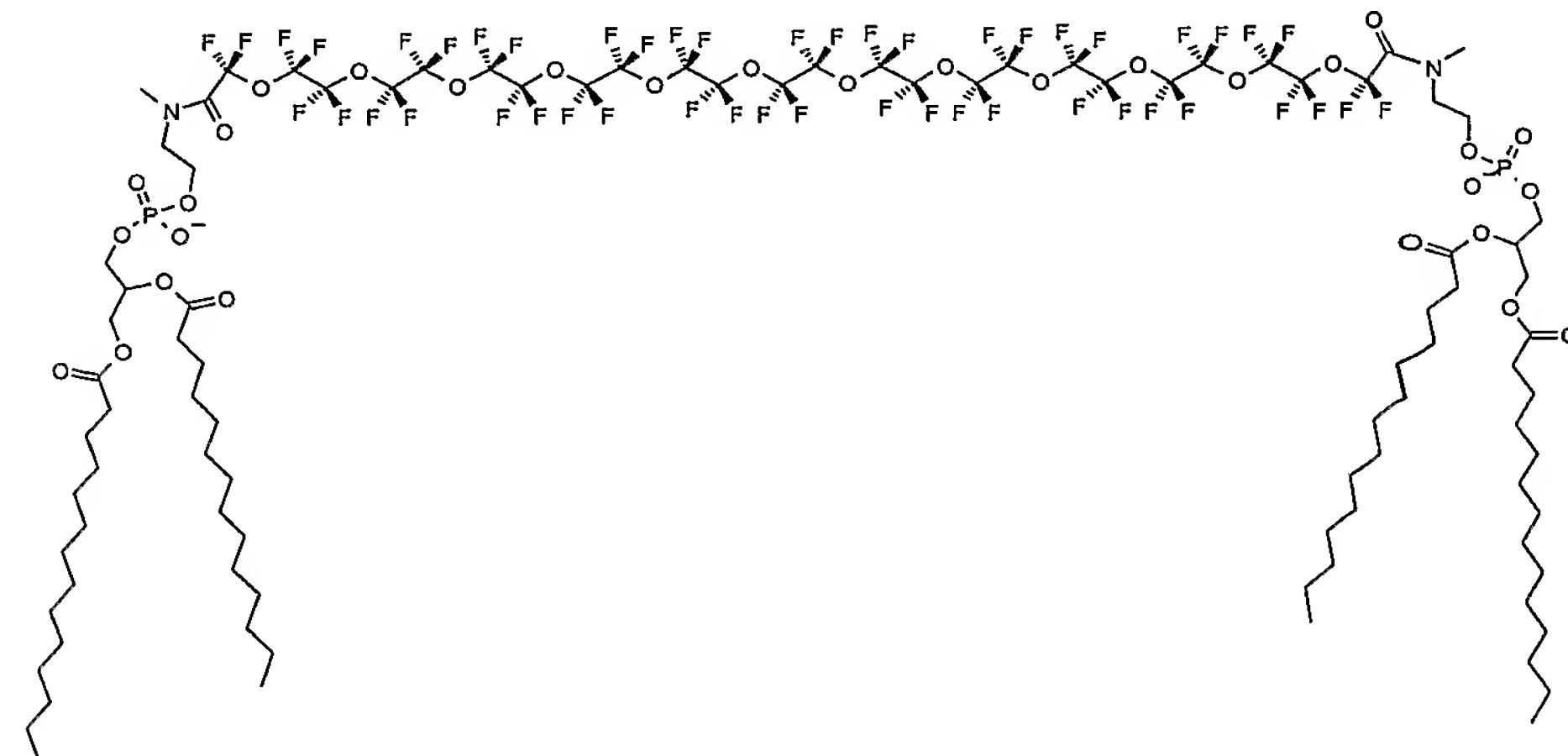


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Rxn 2: PFPE-ester + hexadecylamine → bis-hexadecylamido-PFPE

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Rxn 3: PFPE-ester + dimyristoyl phosphatidyl ethanolamine → diPE-PFPE



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Figure 14 (cont.)

Rxn 4a: PFPE-ester + 1,6-diaminohexane → bis-aminohexyl-PFPE-amide

5 Rxn 4b: bis-aminohexyl-PFPE-amide + Cy5-NHS ester → di-Cy5-PFPE

